

Application No. 10/553,333 - - - - - 7

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**CENTRAL FAX CENTER**  
**MAR 28 2007**

**Amendments to the Drawings**

The attached Replacement Sheet of drawing adds the legend FIGURE 1. This Replacement Sheet replaces the original sheet of drawing.

Application No. 10/553,333 - - - - - 8

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Remarks

Claim 2 is the sole claim under consideration. This claim defines substantially the same subject matter as original claim 1 but obviates the objections to the original claim based on 35 U.S.C. 112, second paragraph.

The specification is amended to obviate inadvertent editorial errors due to translation from a foreign (Russian) language. The use of the term "cryostatistics" is believed to be due to an error in translation from the priority document. The intended term is -- cryostat --. See p. 351, McGraw-Hill Dictionary of Scientific and Technical Terms (copy enclosed for the Examiner's ready reference). No new matter has been added.

The Drawing is amended to provide the legend FIGURE 1.

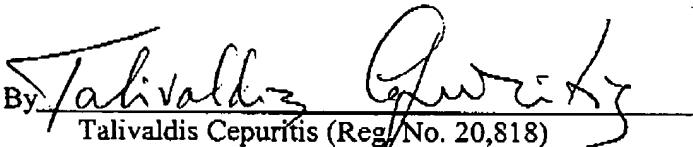
The rejection of claim 1 under 35 U.S.C. 102(b) as anticipated by U.S. Patent No. 4,880,003 to Donnerhack et al. has been rendered moot by the present amendments to the claims.

New claim 2 is neither anticipated nor obvious in view of Donnerhack et al. In particular, Donnerhack et al. fail to show or suggest the presently claimed operable combination of a cabin for positioning of a patient with a separate, heat-insulated reservoir that, in turn, communicates with a cryostat. In addition, Donnerhack et al. neither show nor suggest the claimed processed gas exhaust system that includes a pair of exhaust pipes in operable association with a three-way valve.

The present amendments and the accompanying discussion are deemed to dispose fully of all issues in this case and to place this application in condition for allowance. Early passing of this application to issue is solicited.

Respectfully submitted,

March 28, 2007

By   
Talivaldis Cepuritis (Reg. No. 20,818)

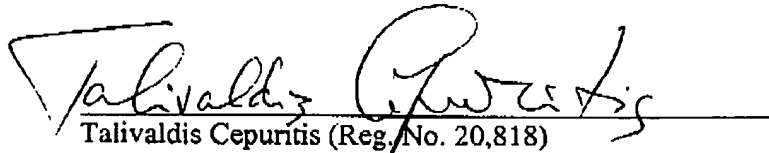
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Attachments: Replacement Sheet depicting FIGURE 1 (1 p.)  
Page 351, McGraw-Hill Dictionary of Scientific and Technical Terms (2 pp.)

Application No. 10/553,333 - - - - 9

**CERTIFICATE OF FACSIMILE TRANSMISSION**

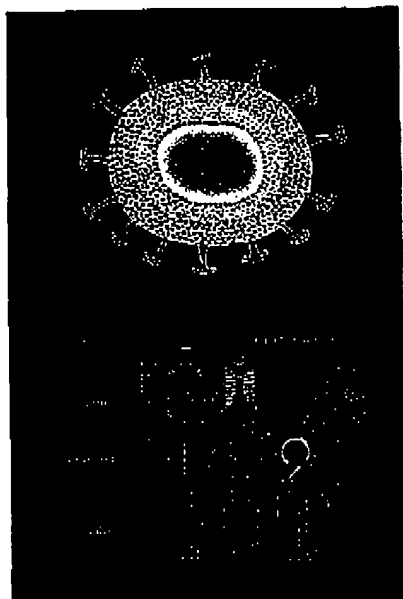
I hereby certify that this AMENDMENT AND RESPONSE UNDER RULE 111, together with attachments, is being transmitted by facsimile transmission to Fax No. 571-273-8300 on March 28, 2007.

  
Talivaldis Cepuritis (Reg. No. 20,818)

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**McGraw-Hill**

# **Dictionary of Scientific and Technical Terms**



**DANIEL N. LAPEDES** Editor in Chief

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zeolite cooled by nitrogen or some other refrigerant: used to reduce pressure from atmospheric pressure to a few milliton.  
**cryostat** [ENG] An apparatus used to provide low-temperature environments in which operations may be carried out under controlled conditions.

**cryosurgery** [MED] Selective destruction of tissue by freezing, as, the use of a liquid nitrogen probe to the brain in parkinsonism.

**cryotherapy** [MED] A form of therapy which consists of local or general use of cold.

**cryotron** [ELECTR] A current-controlled, low-temperature switching element made of semiconductors.

**cryptonics** [ELECTR] The branch of electronics that deals with the design, construction, and use of cryogenic devices.  
**crypturbation** . See congeliturbation.

**Cryptaceae** [BOT] A family of mosses in the order Isobryales distinguished by a rough calyptra.

**crypt** [ANAT] 1. A follicle or pitlike depression. 2. A simple glandular cavity.

**cryptanalysis** [COMMUN] Steps and operations performed in converting encrypted messages into plain text without previous knowledge of the key employed.

**cryptic coloration** [ZOO] A phenomenon of protective coloration by which an animal blends with the background through color matching or countershading.

**Cryptobidae** [INV ZOO] A family of flagellate protozoans in the order Kinetoplastida including organisms with two flagella, one free and one with an undulating membrane.  
**cryptobiotic** [ECOL] Living in concealed or secluded situations.

**Cryptobranchidae** [VERT ZOO] The giant salamanders and hellbenders, a family of tailed amphibians in the suborder Cryptobranchioidea.

**Cryptobranchioidea** [VERT ZOO] A primitive suborder of amphibians in the order Urodela distinguished by external fertilization and aquatic larvae.

**Cryptocerata** [INV ZOO] A division of hemipteran insects in some systems of classification that includes the water bugs (Hydrocorissae).

**Cryptochaetidae** [INV ZOO] A family of myodarian cyclorhaphous dipteran insects in the subsection Acalypteratae.

**cryptoclastic** [GEOL] Composed of extremely fine, almost submicroscopic, broken or fragmental particles.

**cryptoclimate** [ENV] The climate of a confined space, such as inside a house, barn, or greenhouse, or in an artificial or natural cave; a form of microclimate. Also spelled kryptoclimate.

**cryptoclimatology** [CLIMATOL] The science of climates of confined spaces (cryptoclimates); basically, a form of microclimatology. Also spelled kryptoclimatology.

**Cryptococcaceae** [MYCOL] A family of imperfect fungi in the order Moniliales in some systems of classification; equivalent to the Cryptococcales in other systems.

**Cryptococcales** [MYCOL] An order of imperfect fungi, in some systems of classification, set up to include the yeasts or yeastlike organisms whose perfect or sexual stage is not known.

**cryptococcal meningitis** [MED] Inflammation of the meninges due to yeasts of the genus *Cryptococcus*.

**cryptococcosis** [MED] A yeast infection of man, primarily of the central nervous system, caused by *Cryptococcus neoformans*. Also known as torulosis.

**Cryptococcus** [MYCOL] A genus of encapsulated pathogenic yeasts in the order Moniliales.

**cryptocrystalline** [GEOL] Having a crystalline structure but of such a fine grain that individual components are not visible with a magnifying lens.

**Cryptodira** [VERT ZOO] A suborder of the reptilian order Chelonia including all turtles in which the cervical spines are uniformly reduced and the head folds directly back into the shell.

**cryptogam** [BOT] An old term for nonflowering plants.

**cryptogram** [COMMUN] Information written in code or cipher.

**cryptography** [COMMUN] The science of preparing messages in a form which cannot be read by those not privy to the secrets of the form.

**cryptolite** . See monazite.

**cryptology** [COMMUN] The science of preparing messages in forms which are intended to be unintelligible to those not privy to the secrets of the form, and of deciphering such messages.

**cryptomedusa** [INV ZOO] The final stage in the reduction of a hydroid medusa to a rudiment having sex cells within the gonophore.

**cryptomelane** [MINERAL]  $KMn_3O_{16} \cdot H_2O$  A usually massive mineral, common in manganese ores; contains an oxide of manganese and potassium and crystallizes in the monoclinic system.

**cryptomitosis** [INV ZOO] Cell division in certain protozoans in which a modified spindle forms, and chromatin assembles with no apparent chromosome differentiation.

**Cryptomonadida** [BIOL] An order of the class Phytomastigophorea considered to be protozoans by biologists and algae by botanists.

**Cryptomonadina** [BIOL] The equivalent name for Cryptomonadida.

**cryptopart** [COMMUN] One of several portions of a cryptotext: each cryptopart bears a different message indicator.

**cryptoperthite** [MINERAL] A fine-grained, submicroscopic variety of perthite consisting of an intergrowth of potassic and sodic feldspar, detectable only by means of x-rays or with the aid of an electron microscope.

**Cryptophagidae** [INV ZOO] The silken fungus beetles, a family of coleopteran insects in the superfamily Cucujoidea.

**Cryptophyceae** [BOT] A class of algae of the Pyrrhophyta in some systems of classification; equivalent to the division Cryptophyta.

**Cryptophyta** [BOT] A division of the algae in some classification schemes; equivalent to the Cryptophyceae.

**cryptophyte** [BOT] A plant that produces buds either underwater or underground on corms, bulbs, or rhizomes.

**Cryptopidae** [INV ZOO] A family of epimorphic centipedes in the order Scolopendromorpha.

**cryptorchidism** . See cryptorchism.

**cryptorchism** [MED] Failure of the testes to descend into the scrotum from the abdomen or inguinal canals. Also known as cryptorchidism.

**Cryptostomata** [PALMON] An order of extinct bryozoans in the class Gymnolaemata.

**cryptotext** [COMMUN] In cryptology, a text of visible writing which conveys no intelligible meaning in any language, or which apparently conveys an intelligible meaning that is not the real meaning.

**cryptotope** [IMMUNOL] A determinant (or epitope) of an immunological antigen or immunogen which is initially hidden and becomes functional only when the molecule is broken or degraded.

**cryptovolcanic** [GEOL] A small, nearly circular area of highly disturbed strata in which there is no evidence of volcanic materials to confirm the origin as being volcanic.

**cryptoxanthin** [BIOCHEM]  $C_{40}H_{56}O$  A xanthophyll carotenoid pigment found in plants; convertible to vitamin A by many animal livers.

**cryptozoon** [PALEOBOT] A hemispherical or cabbagelike reef-forming fossil algae, probably from the Cambrian and Ordovician.

**crypts of Lieberkühn** [ANAT] Simple, tubular glands which arise as evaginations into the mucosa of the small intestine.

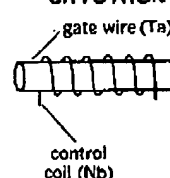
**crystal** [CRYSTAL] A homogeneous solid made up of an element, chemical compound or isomorphous mixture throughout which the atoms or molecules are arranged in a regularly repeating pattern. [ELECTR] A natural or synthetic piezoelectric or semiconductor material whose atoms are arranged with some degree of geometric regularity. [MINERAL] . See rock crystal.

**crystal activity** [ELECTR] A measure of the amplitude of vibration of a piezoelectric crystal plate under specified conditions.

**crystal aerugo** . See cupric acetate.

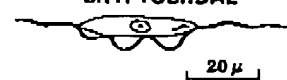
**crystal-audio receiver** [ELECTR] Similar to the crystal-video receiver, except for the path detection bandwidth which is audio rather than video.

## CRYOTRON



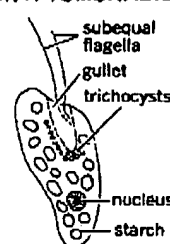
The wire-wound cryotron operated at temperatures close to absolute zero.

## CRYPTOBIIDAE



*Cryptobia*, a genus in Cryptobiidae showing the characteristic two flagella, one free and one with undulating membrane.

## CRYPTOMONADIDA



*Chilomonas paramecium*, an example of a cryptomonad.